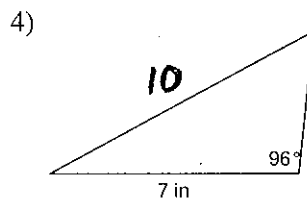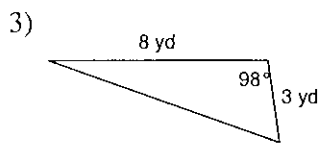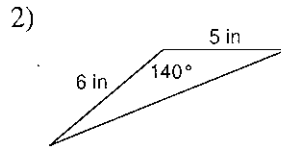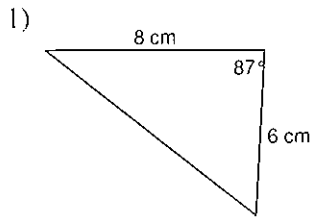Act. #40   Area of Triangles

Find the area of each figure. Round your answer to the nearest tenth. Show all work.

1)
8 cm
87°
6 cm

2)
5 in
140°
6 in

3)
8 yd
98°
3 yd

4)
10
96°
7 in

5) A triangle with two sides that measure 6 yd and 2 yd with an included angle of 10°.

6) A triangle with two sides that measure 6 m and 8 m with an included angle of 137°.

7) A triangle with two sides that measure 5 cm and 8 cm with an included angle of 39°.

8) A triangle with two sides that measure 8 ft and 7 ft with AND the angle across from the 8 ft side is 42°.

✱ FIND the AREA of the following. Round to tenths place.

9
B
31° 14.1 cm
109° C
A

10
4.3 km
101° 20°

11
A
13 yd
125°
C 11 yd B

12
B
49°
8
C 12 km A

13
B
75° 4 yd
A 6 yd C

14
36°
12.6 m
108°

15
C
4 yd
47°
A 7 yd B

16
B 99° 59° A
8 m
C